FX-090-F75-F/F

SPD - for data, signalling and telecommunications lines / Coaxial lines / ST1 (FX)

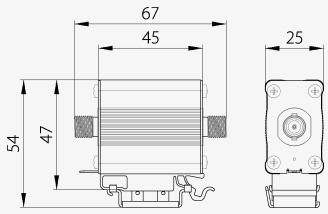
Lightning current arrester for common coaxial lines of receivers

F Connectors 75 Ω

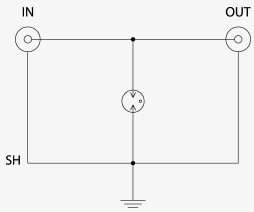
- lightning current arrester with grounded shielding
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV/SAT receivers and CCTV systems, suitable as the 1st level of surge protection in coordination with the SX type
- suitable for DC power distribution
- lower Up (core-PE)



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		D1,C2
Location of SPD		ST 1
Mounting		DIN rail 35 mm
Maximum operating voltage	U_c	70.00 V DC
Nominal load current	I_L	4.000 A
Frequency range	f	0,00 - 2300,00 MHz
Impedance	Z	75 Ω
Insertion loss		0.60 dB
VSWR typ. (max.)	VSWR	1,2 (1,5)
D1 impulse discharge current (10/350 µs) core-PE	I_{imp}	2.50 kA
C2 nominal discharge current (8/20 µs) core-PE	I_n	10.00 kA
C3 voltage protection level mode core-PE at 1 kV/µs	U_p	1 200.00 V
Response time core-PE	t_a	100 ns

Connection (input - output)	**F 75**
Degree of protection	**IP 20**
Range of ambient temperatures (min/max)	**-40 / 80 °C**
Humidity	**5 - 95 %**
According to standard	**EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012**
ETIM Class	**EC001466**
Customs tariff number	**85363010**
EAN	**8595090542124**
Order number	**A04212**